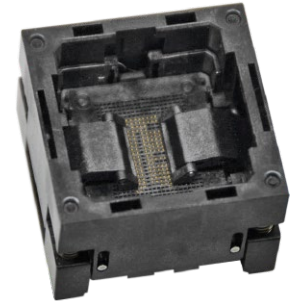


Burn-In Sockets MPS Series

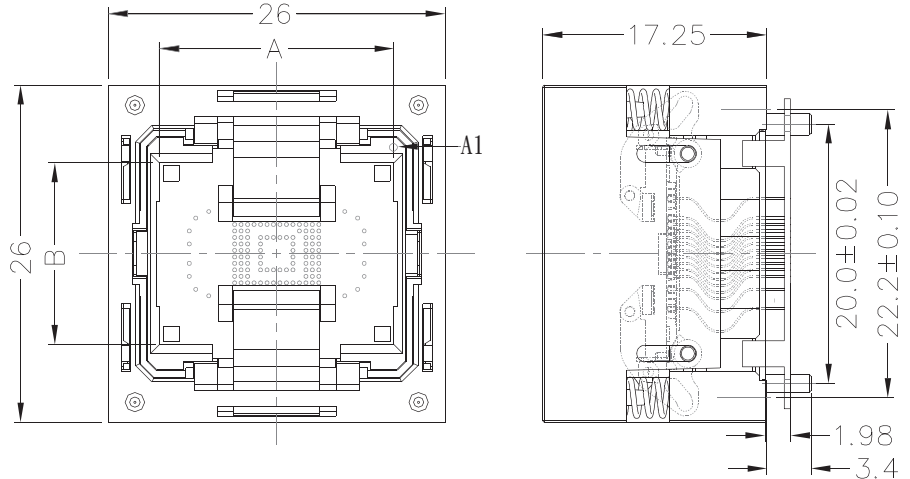
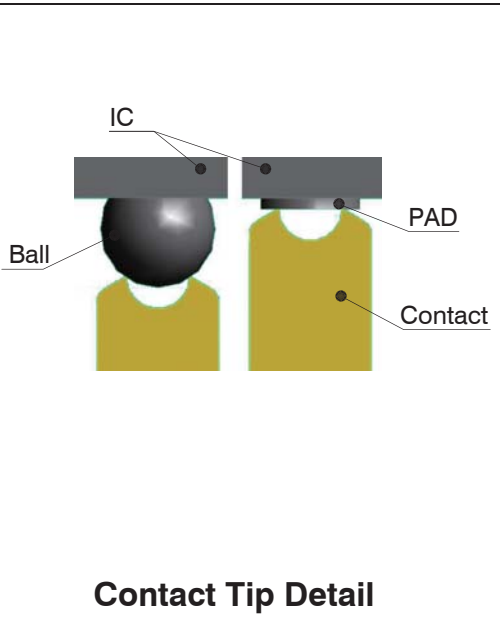
OPEN TOP eMMC SOCKET



Open Top Style. Accommodates Chip Scale Package with 0.5mm pitch.
 Compact size and low actuation force.
 4-point pinch design for enhanced electrical contact.
 Field exchangeable package location plate.
 "U" contact supports any pad or solder ball shape and composition.



Please note, we will always request the chip data to ensure we offer a compatible socket.



You may request any specific socket dimension from info@e-tec.com

For top view socket dimension pls. ref. to separate catalog page

Applicable IC	Specifications																											
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>A</td> <td>10.00/13.00/16.00/18.00</td> <td>±0.10 mm</td> </tr> <tr> <td>B</td> <td>11.50/12.00/14.00</td> <td>±0.10 mm</td> </tr> <tr> <td>C</td> <td>0.80/1.00/1.50</td> <td>±0.05 mm</td> </tr> </table>	A	10.00/13.00/16.00/18.00	±0.10 mm	B	11.50/12.00/14.00	±0.10 mm	C	0.80/1.00/1.50	±0.05 mm	<p>Mechanical data</p> <table border="0"> <tr> <td>Contact life</td> <td>25,000 cycles</td> </tr> <tr> <td>Contact Normal Force</td> <td>3-5g Per Pin</td> </tr> <tr> <td>Operation Force</td> <td>2.0Kg max.</td> </tr> </table> <p>Material</p> <table border="0"> <tr> <td>Insulator (RoHS compliant)</td> <td>PES , PEI</td> </tr> <tr> <td>Contact (RoHS compliant)</td> <td>Beryllium Copper Alloy</td> </tr> <tr> <td>Contact plating</td> <td>Gold cover Nickel</td> </tr> </table> <p>Electrical data</p> <table border="0"> <tr> <td>Contact resistance</td> <td>< 30 mΩ</td> </tr> <tr> <td>Current rating</td> <td>1A</td> </tr> <tr> <td>Insulation resistance at 500V DC</td> <td>1,000 mΩ</td> </tr> </table> <p>Operating temperature</p> <p>-55°C to +175°C</p>	Contact life	25,000 cycles	Contact Normal Force	3-5g Per Pin	Operation Force	2.0Kg max.	Insulator (RoHS compliant)	PES , PEI	Contact (RoHS compliant)	Beryllium Copper Alloy	Contact plating	Gold cover Nickel	Contact resistance	< 30 mΩ	Current rating	1A	Insulation resistance at 500V DC	1,000 mΩ
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Recommendations:

Solder paste – Please use a solder paste w/o any silver!

Solder profile – Please refer to our website www.e-tec.com

E-tec solderless sockets are adapted to a standard PCB thickness of 1.60mm. For a different PCB thickness, please inform E-tec first!

For high pincount SMT sockets, E-tec recommends the use of a pluggable thru-hole socket mounted into a MiniGrid Adapter (see also page 10, 11 & 12 for more details)

For SMT sockets in general, E-tec recommends the use of locating pegs which can be soldered to the PCB for added mechanical strength.

How to order

MPS - x x x - 05 - xx.x/xx

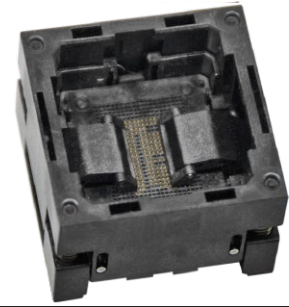
Nbr of contacts	Pitch	Package Size										
169 153	04 = 0,40mm 05 = 0,50mm 06 = 0,65mm 07 = 0,75mm 08 = 0,80mm 10 = 1,00mm 12 = 1,27mm 15 = 1,50mm <i>others on request</i>	<table border="0"> <tr> <td>11.5/10</td> <td>11.5/13</td> </tr> <tr> <td>11.5/13</td> <td>12.0/16</td> </tr> <tr> <td>12.0/16</td> <td>12.0/18</td> </tr> <tr> <td>12.0/18</td> <td>11.5/10</td> </tr> <tr> <td>14.0/18</td> <td>14.0/18</td> </tr> </table> <p>for 169 pad count for 153 pad count</p>	11.5/10	11.5/13	11.5/13	12.0/16	12.0/16	12.0/18	12.0/18	11.5/10	14.0/18	14.0/18
11.5/10	11.5/13											
11.5/13	12.0/16											
12.0/16	12.0/18											
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14.0/18	14.0/18											

Burn-In Sockets MPS Series

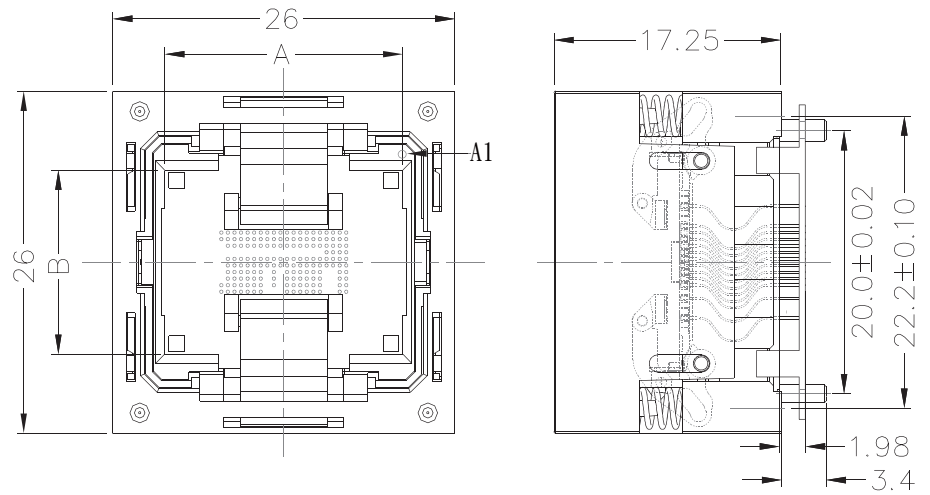
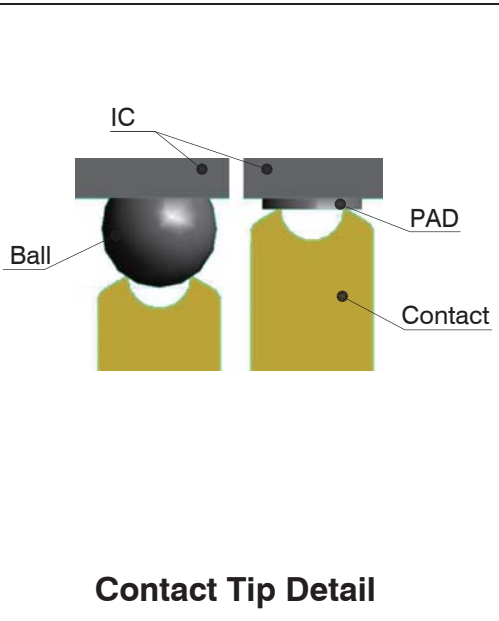
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MPS - xxx - 05 - xx.x/xx

